

AGENDA

2003 State of the Estuaries Conference, Portsmouth, NH Monday, October 20, 2003

8:00 - 8:25 Registration & Continental Breakfast

8:30 - 9:55 Plenary Session

Welcome & Opening Remarks

Jennifer Hunter, Director, New Hampshire Estuaries Project

Peter Wellenberger, Manager, Great Bay National Estuarine Research Reserve

State of the Estuaries: Overview of Report

Phil Trowbridge, Coastal Scientist, New Hampshire Estuaries Project

10:00 - 4:00 Concurrent Sessions

Session A

Session B

10:00 - 10:55

Water Quality

Microbial Source Tracking: Identifying Sources of Bacterial Pollution in Coastal New Hampshire

Steve Jones, Ph.D., University of New Hampshire

Nitrogen Loading in Great Bay Estuary

Richard Langan, Ph.D., University of New Hampshire

Invasive Species

Invasive Species Rapid Assessment Survey

Larry G. Harris, Ph.D., University of New Hampshire

Ecology of the Introduced Crab, *Hemigrapsus sanguineus*, in Northern New England

Megan Tyrrell, MA Coastal Zone Management

11:00 - 11:55

Land Use / Development

Impervious Surfaces in New Hampshire's Coastal Watershed

Phil Trowbridge, NHEP/NH Department of Environmental Services

Water Quality of Small Streams in the Coastal Region of New Hampshire and the Influences of Urbanization

Jeff Deacon, U.S. Geological Survey

Sally Soule, NH Coastal Program

Wastewater Treatment

Impacts of Wastewater Treatment Plants on New Hampshire's Estuaries

Carl Bolster, Ph.D., University of New Hampshire

LUNCH

Lunch will be served in the large room adjacent to the two session rooms

1:00 - 1:55

Shellfish

Shellfish Restoration Projects in Coastal New Hampshire

Ray Grizzle, Ph.D., University of New Hampshire

Soft Shell Clam Monitoring in Hampton Harbor

Paul Geoghegan, Normandeau Associates Inc.

Groundwater

Citizen Awareness of Arsenic in Private Bedrock Wells in Southeastern New Hampshire

Joseph Ayotte, U.S. Geological Survey

Examination of Inter-Tidal Groundwater Discharges in a Salt Marsh Ecosystem, Hampton Harbor, NH

Robert Roseen, Ph.D., University of New Hampshire

2:00 - 2:55

Habitats and Species

Anadromous Fish in Coastal New Hampshire: Habitat, History and Population Trends

Brian Smith, NH Fish & Game/ Great Bay National Estuarine Research Reserve

Eelgrass Trends

Frederick T. Short, Ph.D., University of New Hampshire

Groundwater

Ground Water Sustainability

David R. Wunsch, Ph.D., NH Geological Survey

3:00 - 3:55

Restoration

Coastal Wetland Restoration

Ted Diers, NH Coastal Program

Monitoring and Restoring New Hampshire Salt Marshes: The New Hampshire Marsh Monitors and Pickering Brook

Salt Marsh Restoration, Greenland, NH

Grace E. Bottitta, Ducks Unlimited

Stormwater Management

Stormwater Treatment Evaluation Project in Seabrook

Steve Jones, Ph.D., University of New Hampshire

Scott Nolan, University of New Hampshire

Natalie Landry, NH Department of Environmental Services

Storm System Sleuthing: Hunting Down Illicit Discharges in the Coastal Watershed

Andrea Donlon, NH Department of Environmental Services

2003 State of the Estuaries Conference, Portsmouth, NH
Tuesday, October 21, 2003

8:00 - 8:55 Registration & Continental Breakfast

9:00 - 9:45 Keynote Speaker: TBA

10:00 - 4:00 Day-Long Sessions

**LAND PLANNING FOR A HEALTHY ESTUARY:
STRATEGIES FOR SUSTAINABLE GROWTH IN
THE NEW HAMPSHIRE COASTAL WATERSHED**

10:00 - 12:00 Land Protection Planning

Great Bay Resource Protection Partnership: Science-Based
Planning, Partnership-Driven Conservation Success
Bob Miller, The Nature Conservancy

Municipal Funding for Land Conservation
Dijit Taylor, Center for Land Conservation Assistance

GRANIT Tools and Resources for Land Protection Planning
Fay Rubin, Ph.D., University of New Hampshire

Seacoast Natural Resources and Land Protection Prioritization
Mapping
Danna B. Truslow, Seacoast Land Trust

New Hampshire's Comprehensive Wildlife Conservation Plan: -
a Blueprint for Conserving the State's At-risk Species
Jim Oehler, NH Fish and Game Department

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to the two session rooms

1:00 - 2:30 Smart Growth

Achieving Smart Growth in New Hampshire
Steve Whitman, NH Office of State Planning and Energy

Natural Resources Outreach Coalition (NROC) Community
Assistance Program
Amanda J. Lindley Stone, University of New Hampshire

Site Planning and Conservation Subdivisions
Carolyn Russell, NH Department of Environmental Services

2:30 - 3:00 Break

3:00 - 4:00 Wetlands

Freshwater Wetland Mitigation Inventory for New Hampshire's
Nineteen Coastal Communities
Mark C. West, West Environmental, Inc.
Leonard A. Lord, Ph.D.

Prime Wetlands Designation
Brad Anderson, Moose Mountains Regional Greenways
Nancy B. Rendall, Blue Moon Environmental, Inc.

**RESEARCH IN THE GREAT BAY ESTUARY:
DEVELOPING AN INTEGRATED FRAMEWORK
TO ADVANCE OUR STATE OF KNOWLEDGE**

See Agenda in Conference Packet

ANNOUNCEMENTS



- Please fill out the evaluation form located in your conference packet.
- Check out the displays and posters located around all three rooms.
- Extra copies of the *2003 State of the Estuaries Report* are available at the registration table.

